

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A cosmetic composition comprising, in a cosmetically acceptable medium,
 - at least one crosslinked copolymer comprising at least one methacrylic acid unit and at least one C₁-C₄ alkyl acrylate unit,
 - at least one polymer chosen from cationic ~~and amphoteric~~ polymers, and
 - at least one water-insoluble solid mineral particle chosen from clays and ~~, particles comprising alumina, particles comprising at least 10% by weight of calcium carbonate, and selenium sulphide.~~
2. (Original) The composition according to Claim 1, wherein the at least one methacrylic acid unit is present in an amount ranging from 20% to 80% by weight, relative to the total weight of the copolymer.
3. (Canceled)
4. (Previously Presented) The composition according to Claim 2, wherein the at least one methacrylic acid unit is present in an amount ranging from 35% to 60% by weight, relative to the total weight of the copolymer.
5. (Original) The composition according to Claim 1, wherein the at least one alkyl acrylate unit is present in an amount ranging from 15% to 80% by weight, relative to the total weight of the copolymer.
6. (Canceled)

7. (Previously Presented) The composition according to Claim 5, wherein the at least one alkyl acrylate unit is present in an amount ranging from 40% to 65% by weight, relative to the total weight of the copolymer.

8. (Original) The composition according to Claim 1, wherein the at least one alkyl acrylate unit is chosen from methyl acrylate, ethyl acrylate and butyl acrylate.

9. (Original) The composition according to Claim 8, wherein the at least one alkyl acrylate is ethyl acrylate.

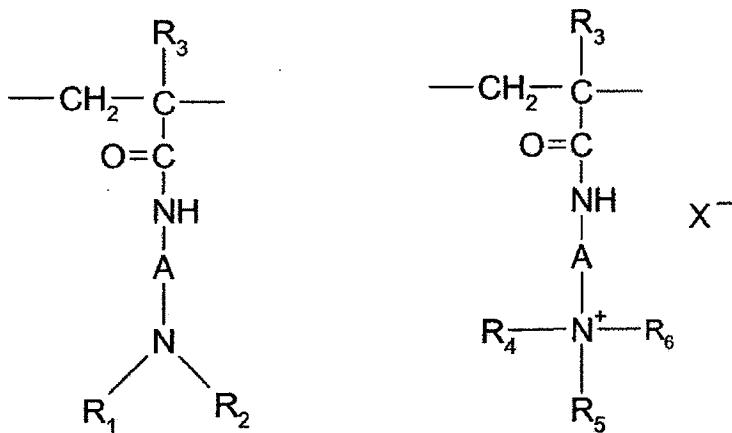
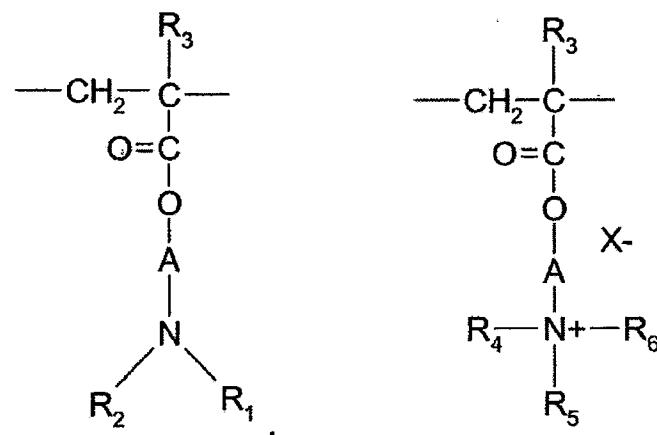
10-26 (Canceled)

27. (Original) The composition according to Claim 1, wherein the particles comprising at least 10% by weight of calcium carbonate are chosen from particles of substantially pure calcium carbonate.

28-31. (Canceled)

32. (Original) The composition according to Claim 1, wherein the cationic polymers are chosen from:

(1) homopolymers and copolymers derived from acrylic and methacrylic esters and amides comprising at least one of the units of the following formulae:



wherein:

R₃, which may be identical or different, is chosen from hydrogen and a CH₃ group;

A which may be identical or different, is chosen from linear and branched alkyl groups comprising from 1 to 6 carbon atoms and a hydroxyalkyl group comprising from 1 to 4 carbon atoms;

R₄, R₅ and R₆, which may be identical or different, are each chosen from alkyl groups comprising from 1 to 18 carbon atoms and a benzyl group;

R₁ and R₂, which may be identical or different, are each chosen from hydrogen and alkyl groups comprising from 1 to 6 carbon atoms;

X⁻ is an anion chosen from anions derived from an acid chosen from mineral and organic acids;

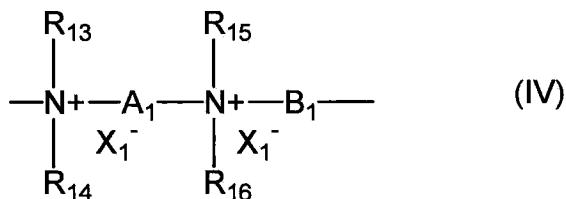
- (2) cationic polysaccharides;
- (3) polymers comprising at least one piperazinyl unit and at least one group chosen from divalent alkylene and hydroxyalkylene groups comprising at least one chain chosen from straight and branched chains, optionally interrupted by at least one entity chosen from oxygen, sulphur and nitrogen atoms and at least one ring chosen from aromatic and heterocyclic rings, and the oxidation and/or quaternization products of said polymers;
- (4) water-soluble polyamino amides, and polyamino amides that are crosslinked with at least one entity chosen from epihalohydrins, diepoxides, dianhydrides, unsaturated dianhydrides, bis-unsaturated derivatives, bis-halohydrins, bis-azetidiniums, bis-haloacyldiamines, bis-alkyl halides and oligomers resulting from the reaction of a difunctional compound which is reactive with at least one entity chosen from bis-halohydrins, bis-azetidiniums, bis-haloacyldiamines, bis-alkyl halides, epihalohydrins, diepoxides and bis-unsaturated derivatives; wherein a crosslinking agent is used in an amount ranging from 0.025 to 0.35 mol per amine group of the polyamino amides; and wherein the polyamino amides are optionally alkylated and if the polyamino amides comprise at least one tertiary amine functional group, the at least one tertiary amine functional group is optionally quarternized;

- (5) polyamino amide derivatives resulting from the condensation of polyalkylene polyamines with polycarboxylic acids followed by alkylation with difunctional agents;

(6) polymers obtained by reaction of at least one polyalkylene polyamine comprising two primary amine groups and at least one secondary amine group comprising at least one dicarboxylic acid chosen from diglycolic acids and saturated aliphatic dicarboxylic acids comprising from 3 to 8 carbon atoms;

(7) cyclopolymers of alkyldiallylamine and cyclopolymers of dialkyldiallylammonium;

(8) quaternary diammonium polymers comprising repeating units corresponding to the formula (IV):



wherein:

R_{13} , R_{14} , R_{15} and R_{16} , which may be identical or different, are each chosen from aliphatic, alicyclic and arylaliphatic groups comprising from 1 to 20 carbon atoms and lower hydroxyalkylaliphatic groups, or

R_{13} , R_{14} , R_{15} and R_{16} , together or separately, form, with the nitrogen atoms to which they are attached, heterocycles optionally comprising a second hetero atom other than nitrogen, which can be chosen from oxygen and phosphor, or

R_{13} , R_{14} , R_{15} and R_{16} , which may be identical or different, are each chosen from linear and branched C₁-C₆ alkyl groups substituted with at least one substituent chosen from nitrile, ester, acyl and amide groups and -CO-O-R₁₇-D and -CO-NH-R₁₇-D

groups, wherein R₁₇, which may be identical or different, is chosen from alkylene groups and D is a quaternary ammonium group;

A₁ and B₁, which may be identical or different, are each chosen from linear and branched, saturated and unsaturated polymethylene groups comprising from 2 to 20 carbon atoms, and which optionally comprise, linked to or intercalated in the main chain, at least one entity chosen from aromatic rings, oxygen and sulphur atoms, sulphoxide, sulphone, disulphide, amino, alkylamino, hydroxyl, quaternary ammonium, ureido, amide and ester groups, and

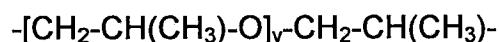
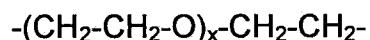
X₁⁻ is an anion chosen from anions derived from an acid chosen from inorganic and organic acids; or

A₁, R₁₃ and R₁₅ can form, with the two nitrogen atoms to which they are attached, a piperazine ring; in addition,

wherein if A₁ is chosen from linear and branched, saturated and unsaturated alkylene and hydroxyalkylene groups, B₁ is optionally chosen from groups of the following formula: (CH₂)_n-CO-D-OC-(CH₂)_n-

wherein D is chosen from:

a) glycol residues of formula: -O-Z-O-, wherein Z is chosen from linear and branched hydrocarbon-based groups and groups corresponding to one of the following formulae:



wherein x and y, which may be identical or different, are each chosen from integers ranging from 1 to 4, representing a defined and unique degree of

polymerization or any number ranging from 1 to 4 representing an average degree of polymerization;

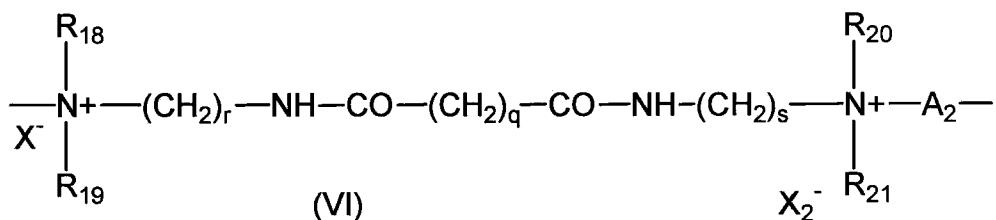
b) bis-secondary diamine residues;

c) bis-primary diamine residues of formula: -NH-Y-NH-, wherein Y is chosen from linear and branched hydrocarbon-based groups, and divalent groups of formula:

-CH₂-CH₂-S-S-CH₂-CH₂-;

d) ureylene groups of formula: -NH-CO-NH-;

(9) polyquaternary ammonium polymers comprising at least one unit of formula (VI):



wherein:

R₁₈, R₁₉, R₂₀ and R₂₁, which may be identical or different, are each chosen from hydrogen, and methyl, ethyl, propyl, β-hydroxyethyl, β-hydroxypropyl and -CH₂CH₂(OCH₂CH₂)_pOH groups,

wherein p is equal to 0 or to an integer ranging from 1 to 6, provided that R₁₈, R₁₉, R₂₀ and R₂₁ do not simultaneously represent a hydrogen atom,

r and s, which may be identical or different, are each an integer ranging from 1 to 6,

q is equal to 0 or to an integer ranging from 1 to 34,

X₂ is chosen from halogen atoms,

A₂ is chosen from divalent groups;

(10) quaternary polymers of vinylpyrrolidone and of vinylimidazole;

(11) polyamines referenced under the name "Polyethylene Glycol (15)

Tallow Polyamine" in the CTFA dictionary;

(12) crosslinked polymers of methacryloyloxy(C₁ -

C₄)alkyltri(C₁-C₄)alkylammonium salts; and

(13) polyalkyleneimines, polymers comprising units chosen from vinylpyridine and vinylpyridinium units, condensates of polyamines and of epichlorohydrin, quaternary polyureylenes, and chitin derivatives.

33-35. (Cancelled)

36. (Original) The composition according to Claim 32, wherein, in (13), the polyalkyleneimines are chosen from polyethyleneimines.

37. (Original) The composition according to Claim 32, wherein the cationic polymers are chosen from cationic cyclopolymers, cationic polysaccharides, quaternary polymers of vinylpyrrolidone, quaternary polymers of vinylimidazole, crosslinked homopolymers and copolymers of methacryloyloxy(C₁-C₄)alkyltri(C₁-C₄)alkylammonium salts, and polyalkyleneimines, and mixtures thereof.

38-50. (Cancelled)

51. (Original) The composition according to Claim 1, wherein the at least one crosslinked copolymer is present in an amount ranging from 0.01% to 10% by weight, relative to the total weight of the composition.

52. (Cancelled)

53. (Original) The composition according to Claim 1, wherein the at least one water-insoluble mineral particle is present in an amount ranging from 0.001% to 20% by weight, relative to the total weight of the composition.

54. (Canceled)

55. (Currently Amended) The composition according to Claim 1, wherein the at least one polymer chosen from cationic ~~and amphoteric~~ polymers is present in an amount ranging from 0.001% to 20% by weight, relative to the total weight of the composition.

56. (Canceled)

57. (Original) The composition according to Claim 1, wherein the composition further comprises at least one silicone.

58-59. (Canceled)

60. (Original) The composition according to Claim 57, wherein the at least one silicone is chosen from polyalkylsiloxanes comprising trimethylsilyl end groups, polyalkylsiloxanes comprising dimethylsilanol end groups, mixtures of two PDMSs comprising at least one gum and at least one oil with different viscosities, mixtures of organosiloxanes and of cyclic silicones, and organopolysiloxane resins.

61. (Original) The composition according to Claim 1, wherein the composition further comprises at least one agent that is beneficial to a keratin material, chosen from esters of C₁-C₃₀ carboxylic acids and of alcohols chosen from C₁-C₃₀ monohydroxylated and polyhydroxylated alcohols, plant, animal, mineral and synthetic oils, waxes, ceramides and pseudoceramides.

62. (Original) The composition according to Claim 57, wherein the at least one silicone is present in an amount ranging from 0.001% to 20% by weight, relative to the total weight of the composition.

63. (Canceled)

64. (Original) The composition according to Claim 61, wherein the at least one agent that is beneficial to a keratin material is present in an amount ranging from 0.001% to 20% by weight, relative to the total weight of the composition.

65. (Canceled)

66. (Original) The composition according to Claim 1, wherein the composition further comprises at least one surfactant chosen from anionic, nonionic, amphoteric and cationic surfactants, and mixtures thereof.

67-72. (Canceled)

73. (Original) The composition according to Claim 1, wherein the composition is in a form chosen from shampoos, conditioners, compositions for permanent-waving, relaxing, dyeing and bleaching hair, rinse-out compositions to be applied between the two steps of a permanent-waving or hair-relaxing operation, and washing compositions for a body.

74-79. (Canceled)

80. (Withdrawn and Currently Amended) A method for giving hair texture, comprising applying to the hair a cosmetic composition comprising, in a cosmetically acceptable medium, at least one crosslinked copolymer comprising at least one methacrylic acid unit and at least one C₁-C₄ alkyl acrylate unit, at least one polymer chosen from cationic and amphoteric polymers and at least one water-insoluble solid

mineral particle chosen from clays, ~~particles comprising alumina, and~~ particles comprising at least 10% by weight of calcium carbonate, ~~and selenium sulphide.~~

81. (Withdrawn and Currently Amended) A method for giving hair lightness comprising, applying to the hair, a cosmetic composition comprising, in a cosmetically acceptable medium, at least one crosslinked copolymer comprising at least one methacrylic acid unit and at least one C₁-C₄ alkyl acrylate unit, at least one polymer chosen from cationic ~~and amphoteric~~ polymers and at least one water-insoluble solid mineral particle chosen from clays, ~~particles comprising alumina, and~~ particles comprising at least 10% by weight of calcium carbonate, ~~and selenium sulphide.~~

82. (Withdrawn and Currently Amended) A method for giving hair softness comprising, applying to the hair, a cosmetic composition comprising, in a cosmetically acceptable medium, at least one crosslinked copolymer comprising at least one methacrylic acid unit and at least one C₁-C₄ alkyl acrylate unit, at least one polymer chosen from cationic ~~and amphoteric~~ polymers and at least one water-insoluble solid mineral particle chosen from clays, ~~particles comprising alumina, and~~ particles comprising at least 10% by weight of calcium carbonate, ~~and selenium sulphide.~~

83. (Withdrawn and Currently Amended) A method for giving hair a smooth feel comprising, applying to the hair, a cosmetic composition comprising, in a cosmetically acceptable medium, at least one crosslinked copolymer comprising at least one methacrylic acid unit and at least one C₁-C₄ alkyl acrylate unit, at least one polymer chosen from cationic ~~and amphoteric~~ polymers and at least one water-insoluble solid mineral particle chosen from clays, ~~particles comprising alumina, and~~ particles comprising at least 10% by weight of calcium carbonate, ~~and selenium sulphide.~~

84. (Withdrawn and Currently Amended) A method for giving hair suppleness comprising, applying to the hair, a cosmetic composition comprising, in a cosmetically acceptable medium, at least one crosslinked copolymer comprising at least one methacrylic acid unit and at least one C₁-C₄ alkyl acrylate unit, at least one polymer chosen from cationic and amphoteric polymers and at least one water-insoluble solid mineral particle chosen from clays, ~~particles comprising alumina, and particles comprising~~ at least 10% by weight of calcium carbonate, ~~and selenium sulphide.~~